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Local Cryptogamic Notes.

BY HENRY C. BENNETT AND SMITH ELY JELLIFFE.

From observations made upon the local distribution of diatoms it would appear that *Amphipleura pellucida* is not a common diatom. Its occurrence in a recent gathering from Van Cortland Lake has prompted the following note upon other forms found in the same gathering. The following forms have been determined:

<i>Amphipleura pellucida</i> Kg.	<i>G. germinatum</i> Ag.
<i>Amphora ovalis</i> Kg.	<i>Melosira granulata</i> Ehr.
<i>Cocconeis scutellum</i> Ehr.	<i>M. crenulata</i> Kg.
<i>C. oblonga</i> Kg.	<i>M. scalaris</i> Grun.
<i>Cymbella cistula</i> Brun.	<i>Meridion circulare</i> Ag.
<i>C. gastroides</i> Kg.	<i>M. intermedium</i> H L.S.
<i>C. leptoceros</i> Kg.	<i>Navicula Anglica</i> Ralfs.
<i>Diatoma tenue</i> Kg.	<i>N. ambigua</i> Ehr.
<i>D. vulgare</i> Bory.	<i>N. cuspidata</i> Kg.
<i>Epithemia gibba</i> Kg.	<i>N. gracilis</i> Ehr.
<i>E. turgida</i> Kg.	<i>N. rhyncocephala</i> Kg.
<i>Eunotia lunaris</i> Ehr.	<i>N. spaerophora</i> Kg.
<i>E. monodon</i> Ehr.	<i>N. viridis</i> Kg.
<i>E. pectinalis</i> Rab.	<i>Nitzschia scalaris</i> Sm.
<i>E. firma</i> ?	<i>Odontidium hyemale</i> Kg.
<i>E. tridentula</i> Ehr.	<i>O. mutabile</i> Sm.
<i>Fragilaria construens</i> (Ehr.) Grun.	<i>Stauroneis punctata</i> Kg.
<i>F. capucina</i> Demaz.	<i>S. phoenicenteron</i> Ehr.
<i>F. virescens</i> Ralfs.	<i>Surirella recedens</i> A.S.
<i>Gomphonema acuminatum</i> Ehr.	<i>Synedra pulchella</i> Kg.
<i>G. capitatum</i> Ehr.	<i>S. radiata</i> (Kg.) Grun.
<i>G. constrictum</i> Ehr.	<i>S. ulna</i> Ehr.
<i>G. cristatum</i> Ralfs.	<i>Tabellaria fenestrata</i> Kg.
<i>G. dichotomum</i> Kg.	<i>T. flocculosa</i> Kg.

A number of forms from the same gathering are still under study. We hope to report these at the earliest opportunity.

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